



CITY OF SUGAR LAND

Engineering Department

CIP Project Number: WA1005

Title: Motor Controls - First Colony and Austin Pkwy Plants

Project Phase: Design

% of Phase Completion

Design

Construction

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2011

Cost for this Phase: \$ 75,000

Funding Sources: Revenue Bonds

Project Manager: Howard Christian

Contractor:

Consultant: Schrader

Project Description: Project would completely replace all motor control centers and auto sensory controls for both water plants. Each water plant has five booster pumps and an on-site well with horsepower ranging from 50 hp to 300 hp. This project is time critical and plants can only be taken off-line consecutively during January & February.

Justification: Both water plants are approaching 30 years old and repair parts for the existing motor controls are obsolete and only available through surplus vendors. This makes it very difficult to complete repairs in a timely manner.

Updates: October 2009 – design expected to start in May 2010 or sooner.

November 2009 – no changes.

December 2009 – no changes.